

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
 Data File : VN061297.D
 Acq On : 5 May 2020 17:14
 Operator : JC/MD
 Sample : L2514-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Manual Integrations
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MMDadoda
 5/6/2020 11:37:57 AM

Quant Time: May 06 07:47:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	98311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	175988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	170210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	76850	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	80249	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
35) Dibromofluoromethane	7.55	113	52655	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
50) Toluene-d8	10.06	98	220917	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.38	95	85015	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.50%	
Target Compounds						
11) Tert butyl alcohol	4.73	59	35930	172.423	ug/l	99
16) Acetone	3.78	43	6552	5.487	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	21030	5.306	ug/l #	74
39) Methylcyclohexane	9.04	83	1719	0.870	ug/l	90
40) Benzene	8.00	78	14530	2.768	ug/l	99
73) Isopropylbenzene	12.22	105	20150	3.567	ug/l	100
78) n-propylbenzene	12.57	91	35240	5.259	ug/l	99
85) sec-Butylbenzene	13.15	105	13822	2.571	ug/l #	69
89) n-Butylbenzene	13.59	91	5541m	1.248	ug/l	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

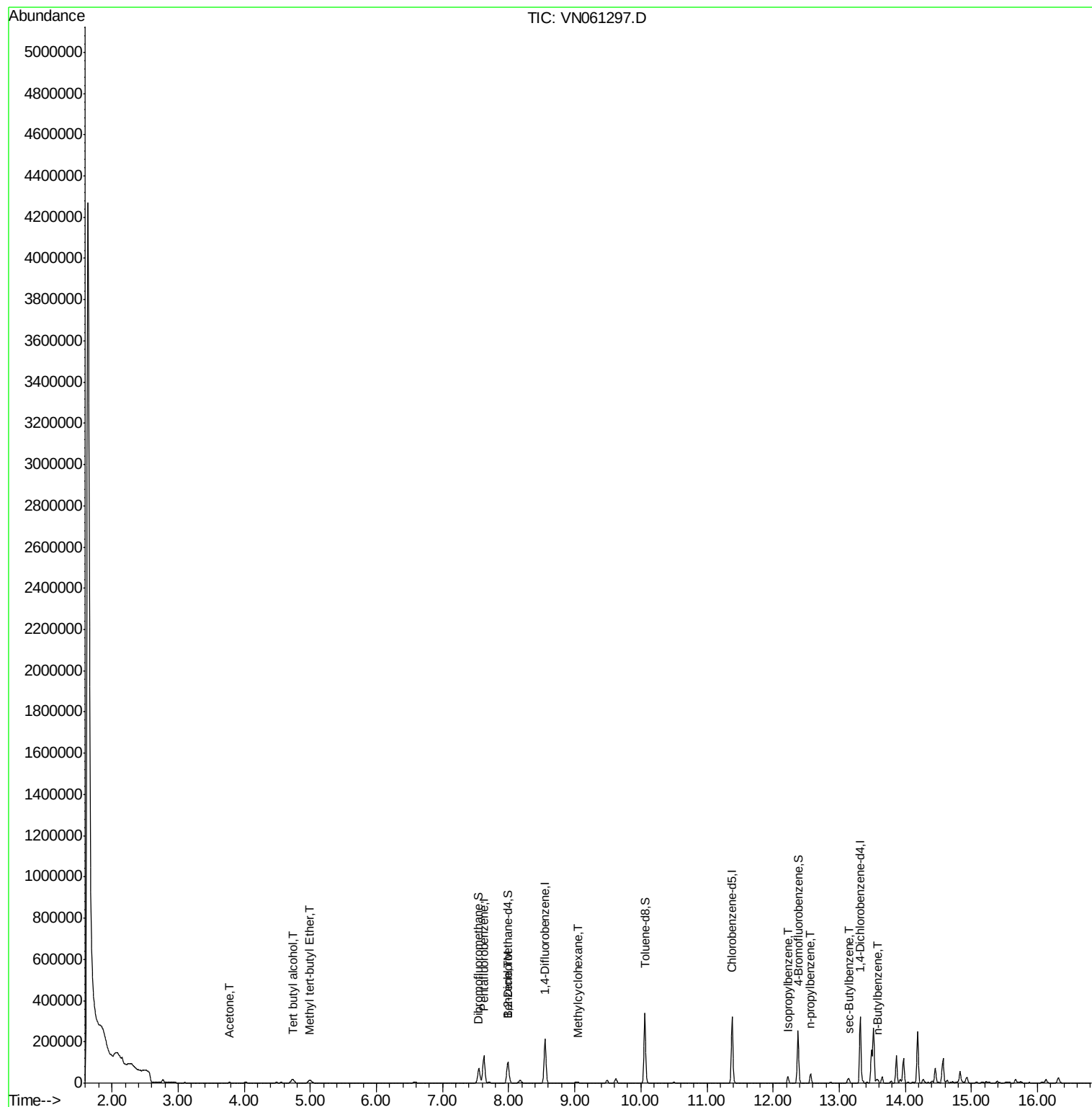
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050520\
Data File : VN061297.D
Acq On : 5 May 2020 17:14
Operator : JC/MD
Sample : L2514-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

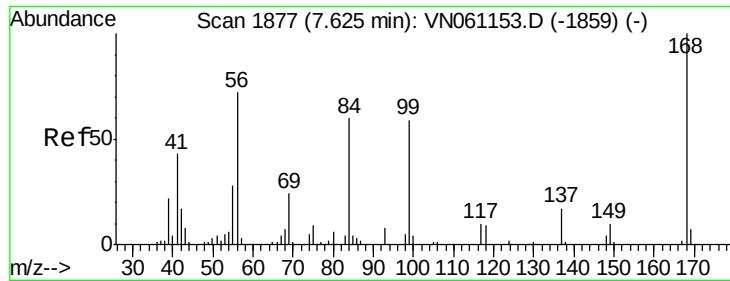
Instrument :
MSVOA_N
ClientSampleId :
MW-2

Manual Integrations
APPROVED

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5/6/2020 11:37:57 AM

Quant Time: May 06 07:47:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration





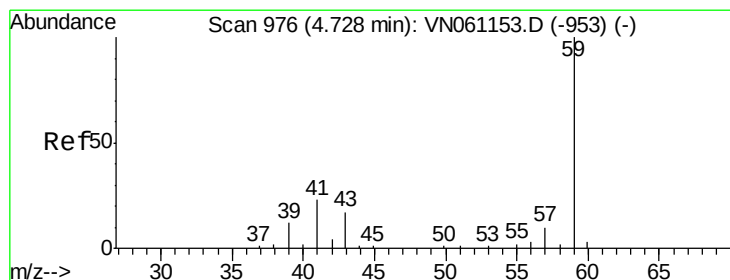
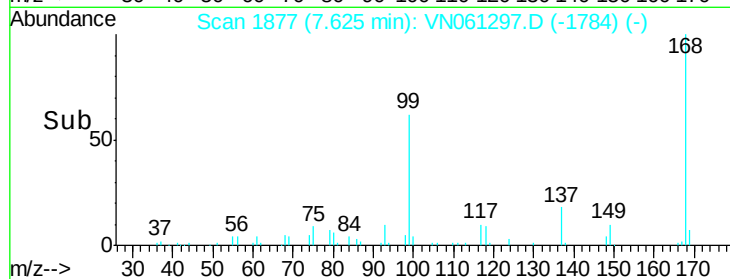
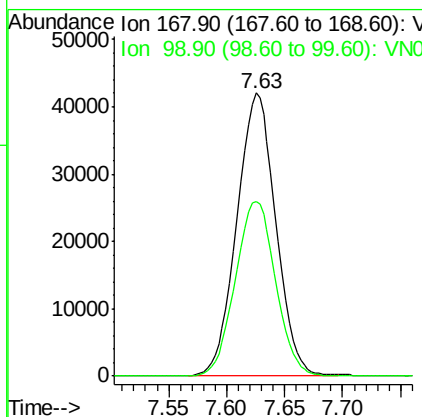
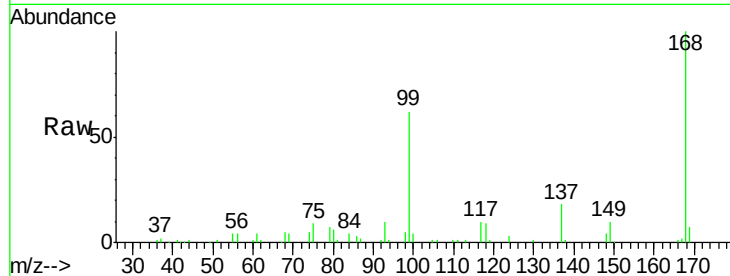
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VN061297.D
Acq: 5 May 2020 17:14

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
168	100		
99	61.9	51.2	76.8

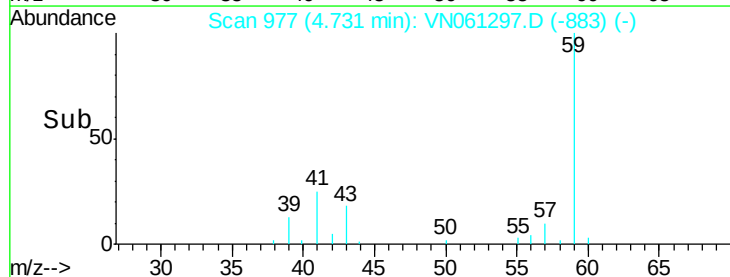
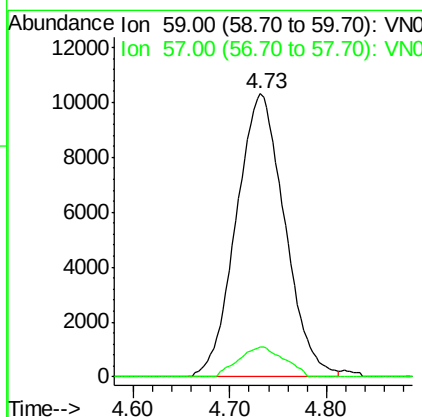
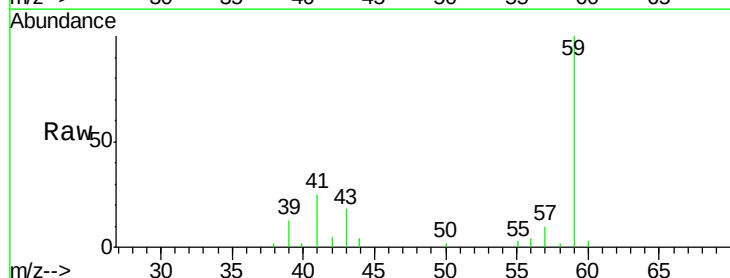
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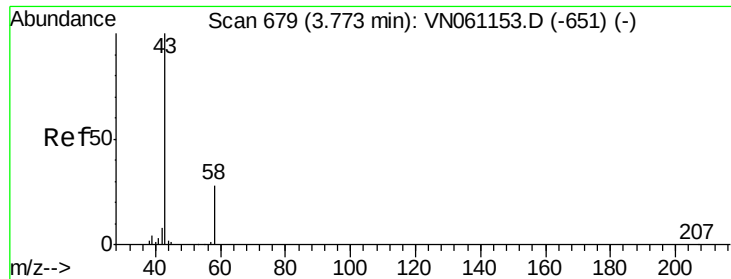
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#11
Tert butyl alcohol
Concen: 172.423 ug/l
RT: 4.73 min Scan# 977
Delta R.T. 0.00 min
Lab File: VN061297.D
Acq: 5 May 2020 17:14

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5





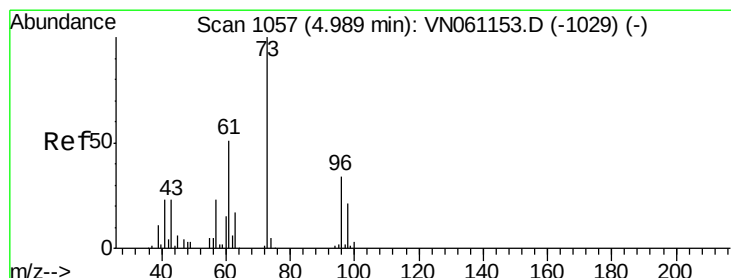
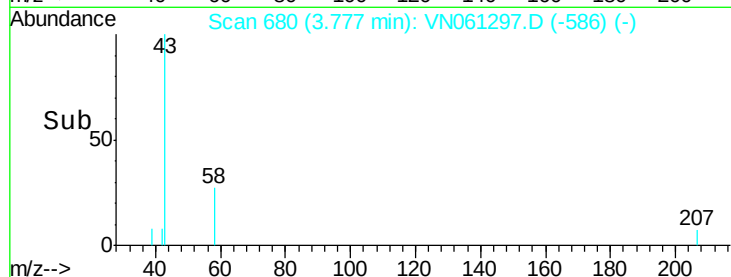
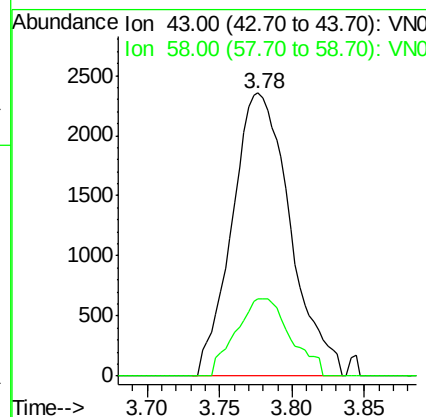
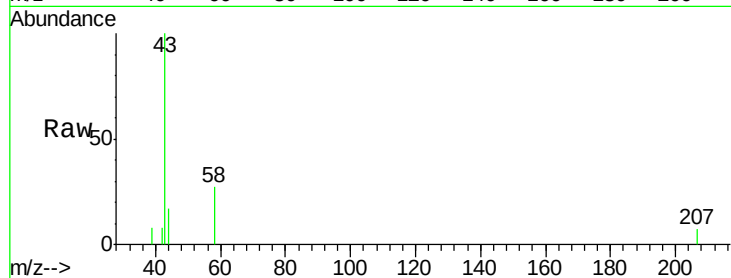
#16
Acetone
Concen: 5.487 ug/l
RT: 3.78 min Scan# 680
Delta R.T. 0.00 min
Lab File: VN061297.D
Acq: 5 May 2020 17:14

Instrument :
MSVOA_N
ClientSampled :
MW-2

Tot Ion: 43 Resp: 6552
Ion Ratio Lower Upper
43 100
58 27.5 22.2 33.2

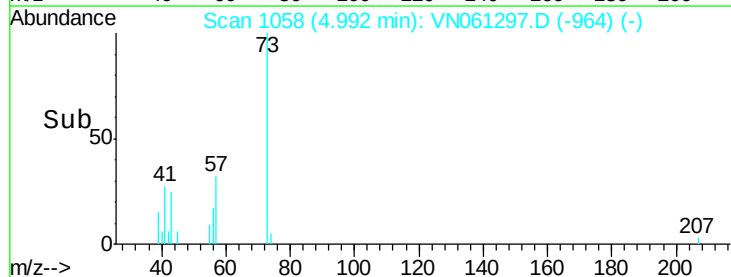
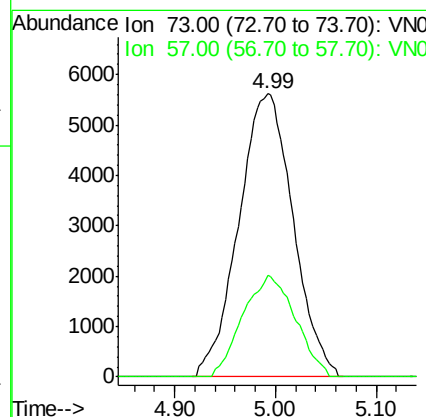
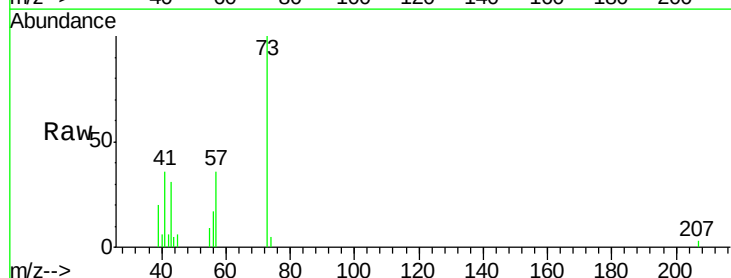
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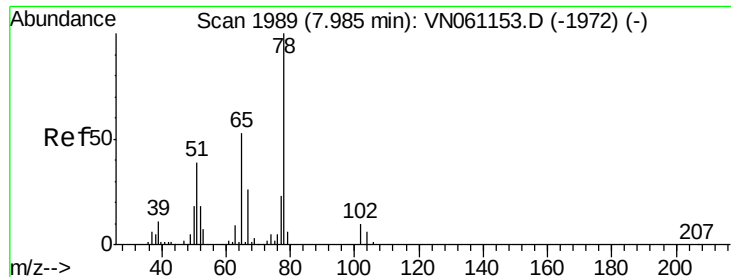
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#19
Methyl tert-butyl Ether
Concen: 5.306 ug/l
RT: 4.99 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VN061297.D
Acq: 5 May 2020 17:14

Tgt Ion: 73 Resp: 21030
Ion Ratio Lower Upper
73 100
57 35.7 18.3 27.5#





#33

1,2-Dichloroethane-d4

Concen: 51.588 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061297.D

Acq: 5 May 2020 17:14

Instrument :

MSVOA_N

ClientSampled :

MW-2

Tot Ion: 65 Resp: 80249

Ion Ratio Lower Upper

65 100

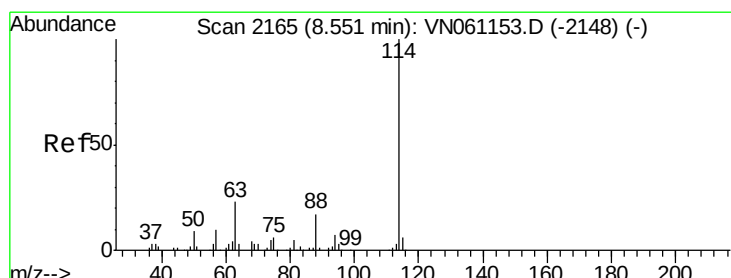
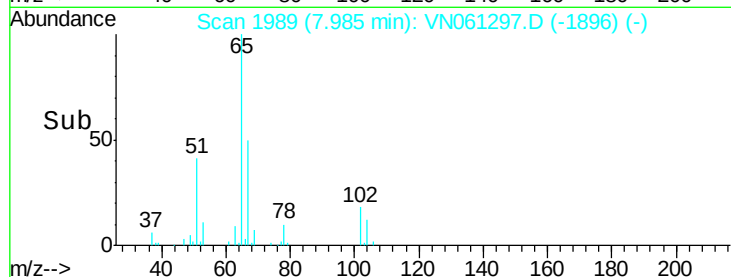
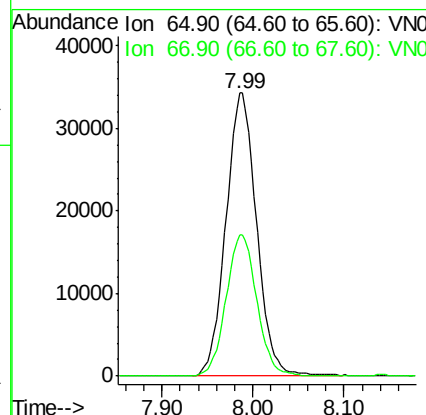
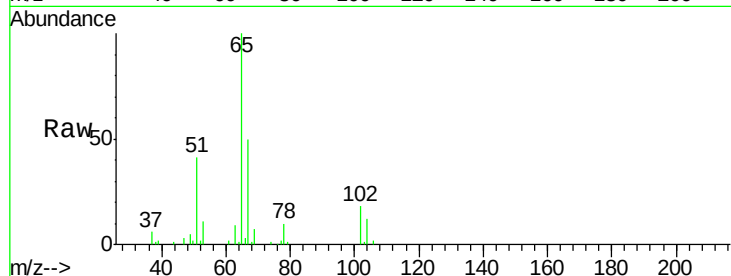
67 49.9 0.0 101.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061297.D

Acq: 5 May 2020 17:14

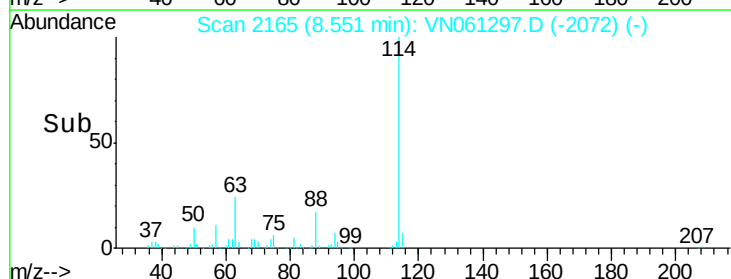
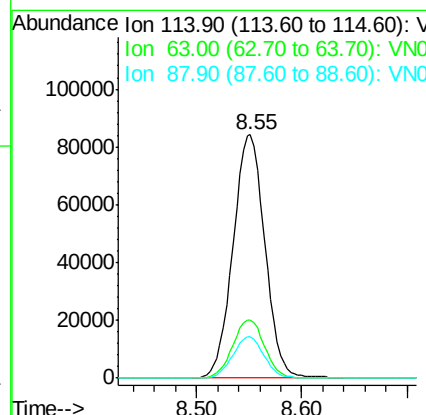
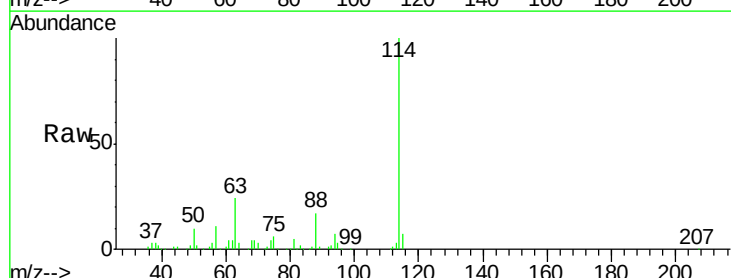
Tgt Ion: 114 Resp: 175988

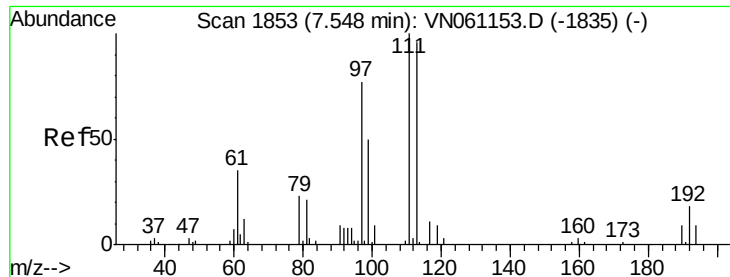
Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.6

88 16.9 0.0 33.4





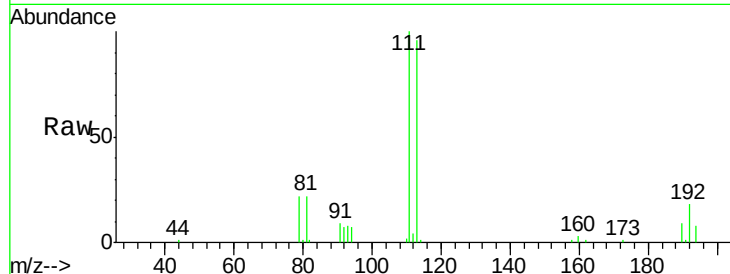
#35
Dibromofluoromethane
Concen: 50.598 ug/l
RT: 7.55 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN061297.D
Acq: 5 May 2020 17:14

Instrument :
MSVOA_N
ClientSampled :
MW-2

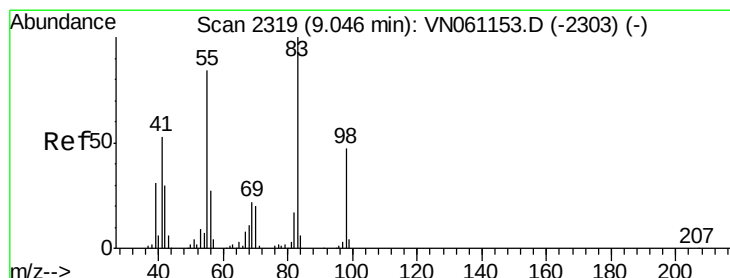
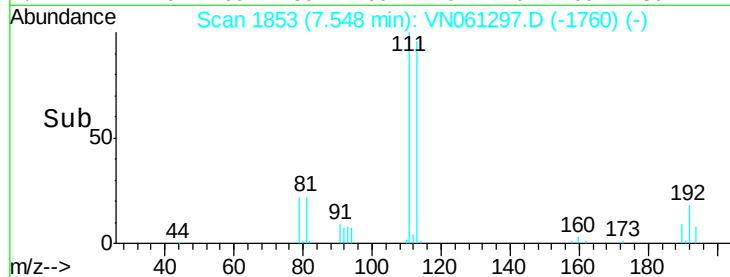
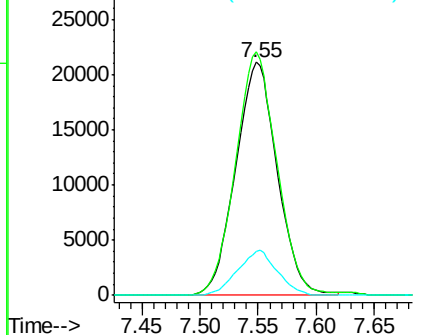
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.9	124.3
192	18.4	14.7	22.1

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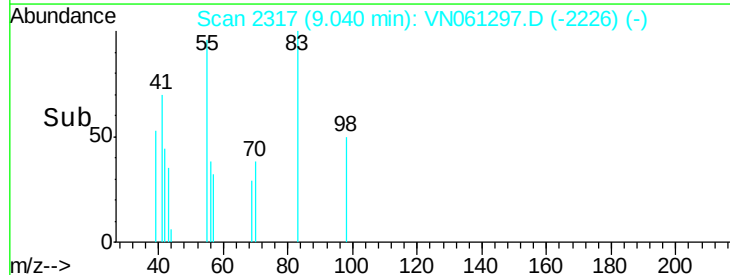
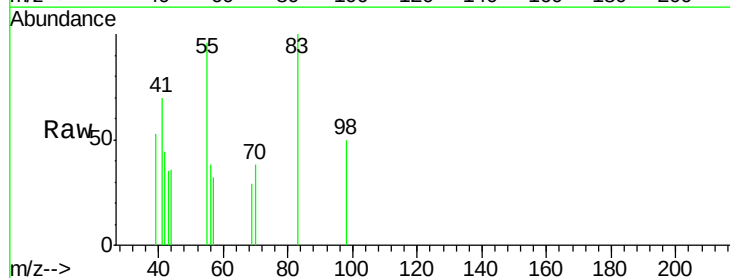
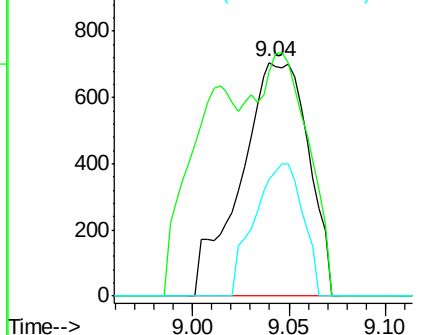
Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

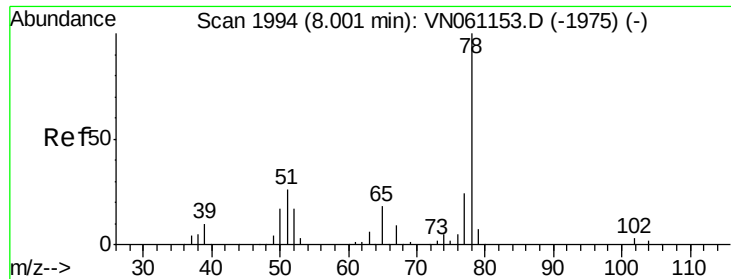


#39
Methylcyclohexane
Concen: 0.870 ug/l
RT: 9.04 min Scan# 2317
Delta R.T. -0.01 min
Lab File: VN061297.D
Acq: 5 May 2020 17:14

Tgt Ion	Ratio	Lower	Upper
83	100		
55	96.3	67.3	100.9
98	50.1	37.7	56.5

Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO





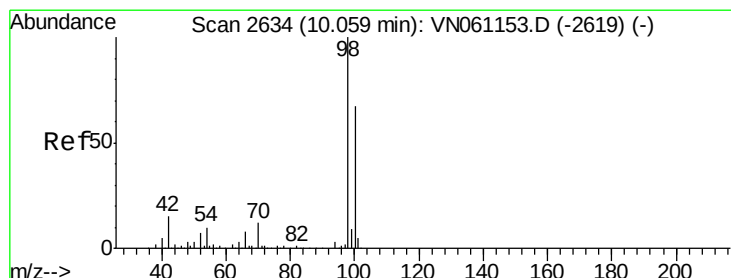
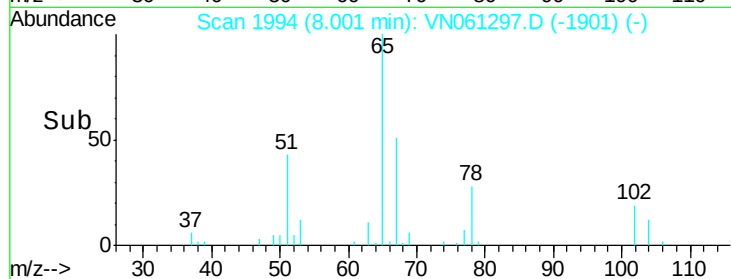
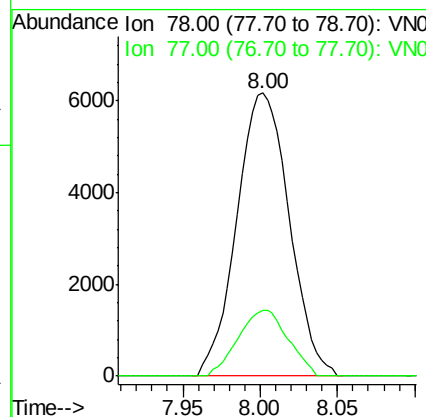
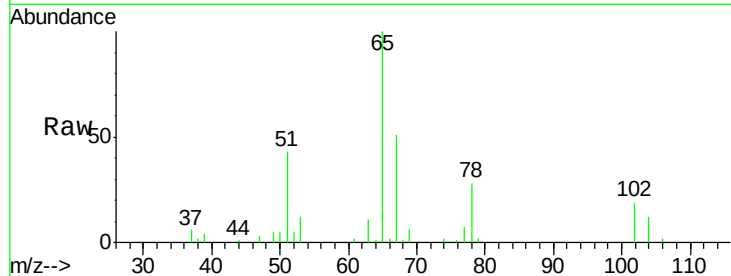
#40
Benzene
Concen: 2.768 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061297.D
Acq: 5 May 2020 17:14

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tot Ion: 78 Resp: 14530
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6

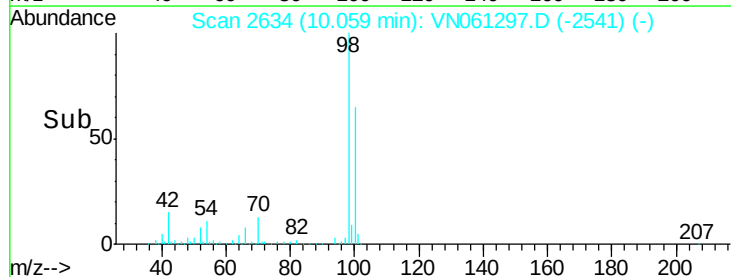
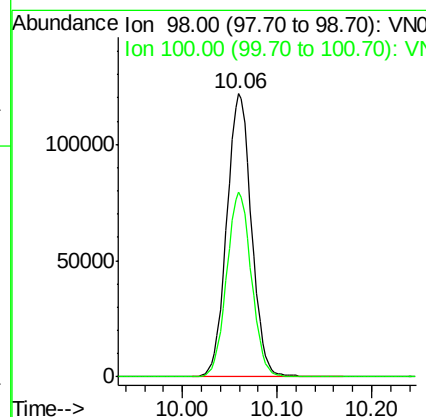
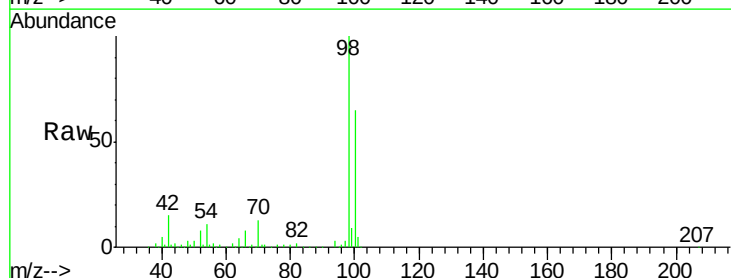
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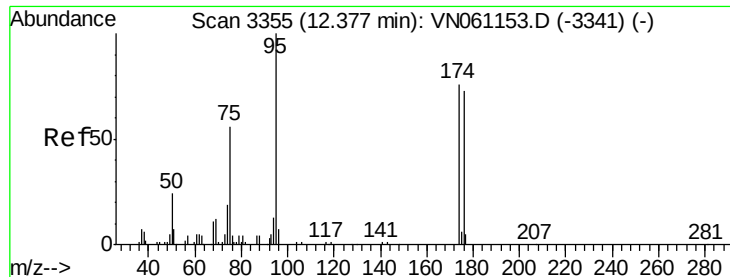
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#50
Toluene-d8
Concen: 52.075 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061297.D
Acq: 5 May 2020 17:14

Tgt Ion: 98 Resp: 220917
Ion Ratio Lower Upper
98 100
100 65.3 53.4 80.0





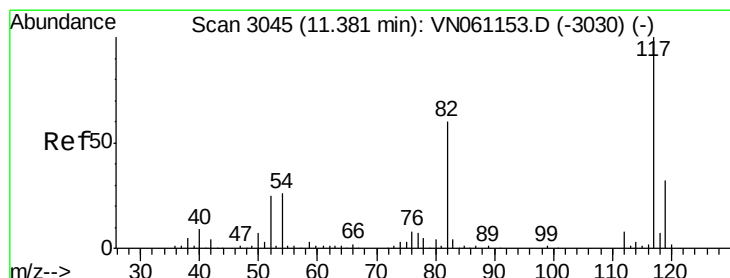
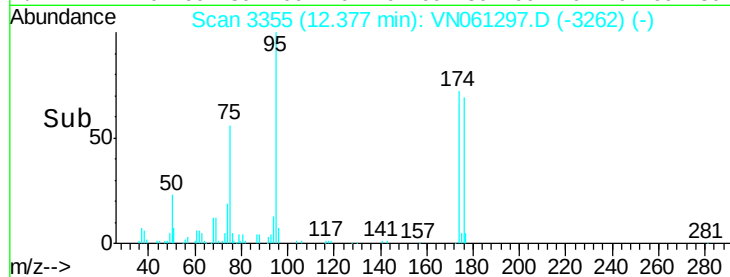
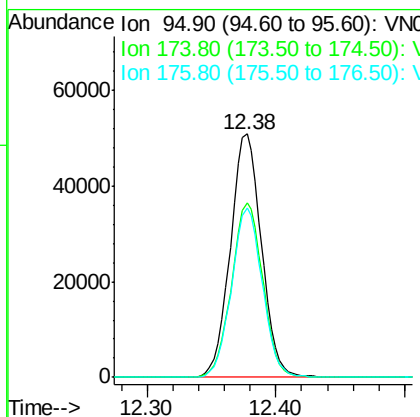
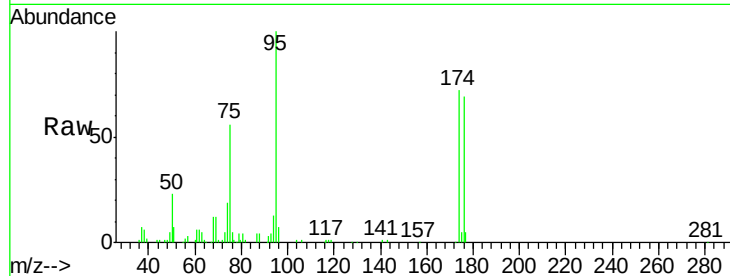
#62
4-Bromofluorobenzene
Concen: 53.253 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061297.D
Acq: 5 May 2020 17:14

Instrument :
MSVOA_N
ClientSampled :
MW-2

Tot Ion	Ratio	Resp	Lower	Upper
95	100	85015		
174	71.9	0.0	149.4	
176	69.2	0.0	144.8	

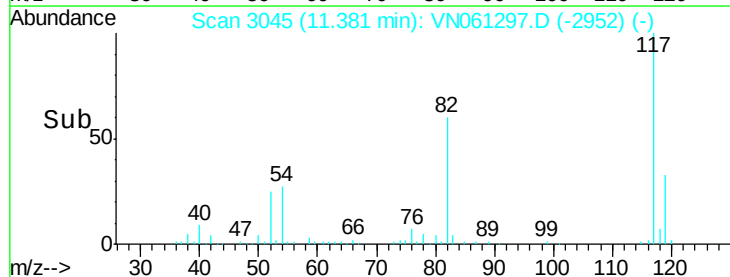
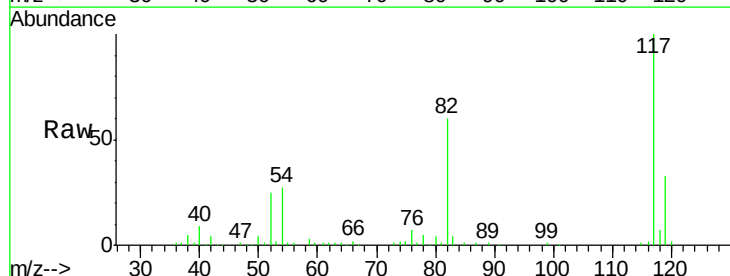
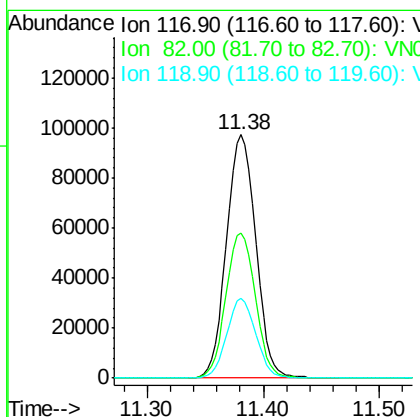
Manual Integrations
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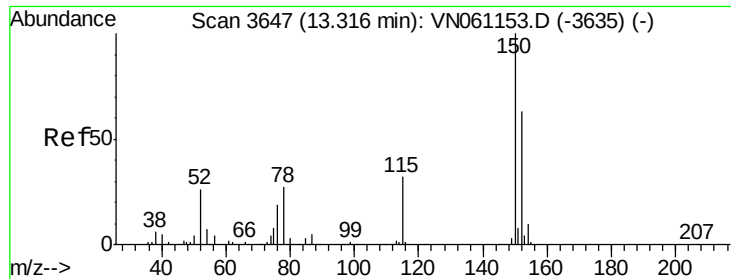
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5/6/2020 11:37:57 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061297.D
Acq: 5 May 2020 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	170210		
82	59.7	47.8	71.8	
119	32.6	25.8	38.6	





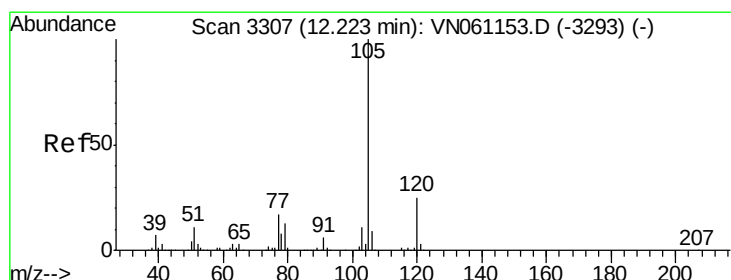
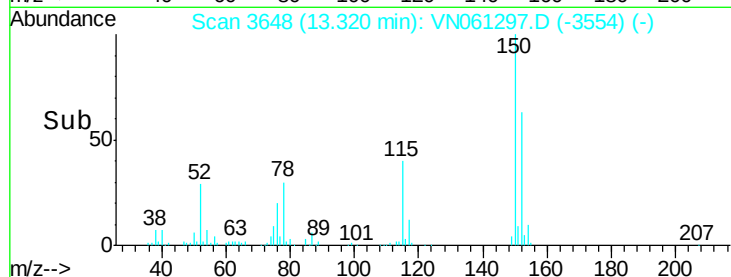
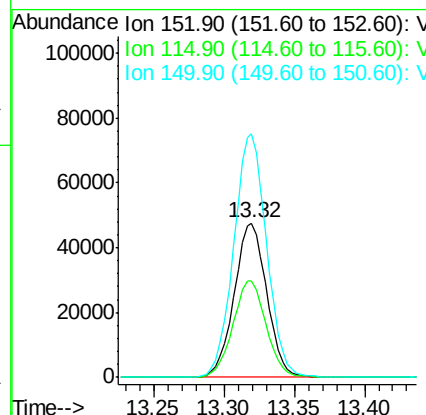
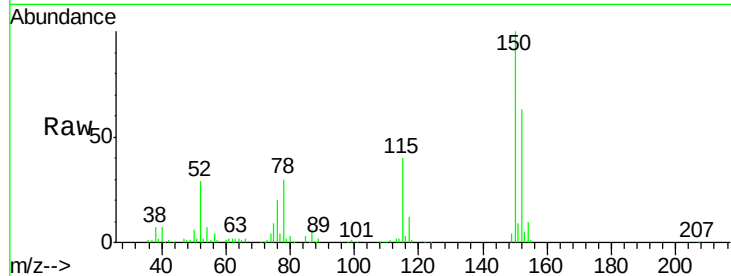
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3648
 Delta R.T. 0.00 min
 Lab File: VN061297.D
 Acq: 5 May 2020 17:14

Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.1	31.0	93.0
150	159.6	0.0	351.8

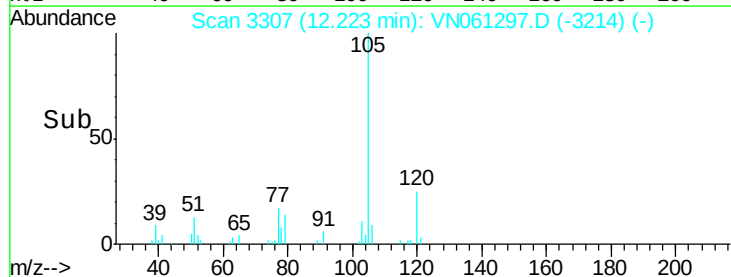
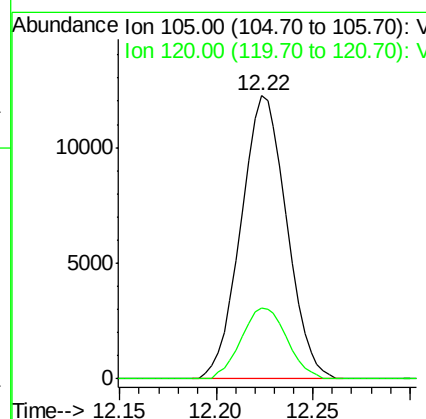
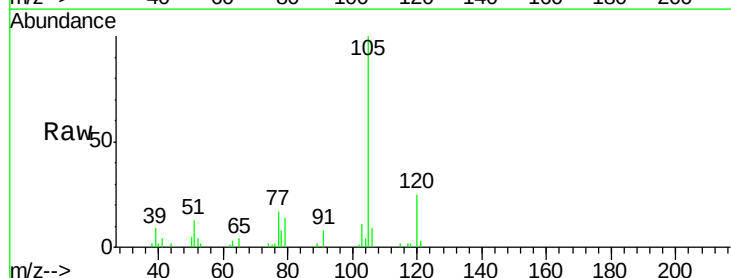
Manual Integrations
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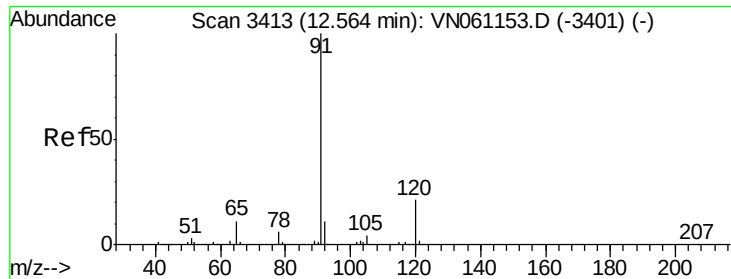
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 5/6/2020 11:37:57 AM



#73
 Isopropylbenzene
 Concen: 3.567 ug/l
 RT: 12.22 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN061297.D
 Acq: 5 May 2020 17:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.0	12.6	37.8





#78

n-propylbenzene

Concen: 5.259 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061297.D

Acq: 5 May 2020 17:14

Instrument :

MSVOA_N

ClientSampled :

MW-2

Tot Ion: 91 Resp: 35240

Ion Ratio Lower Upper

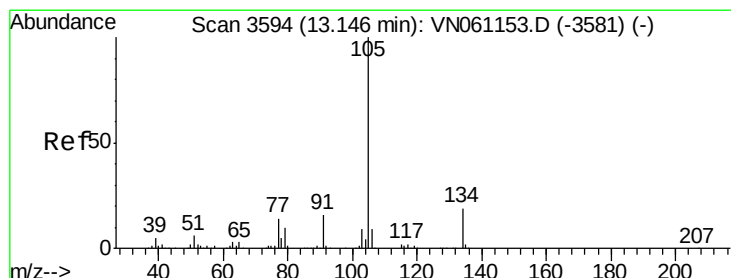
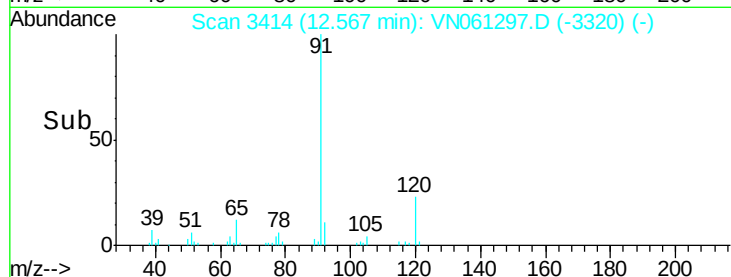
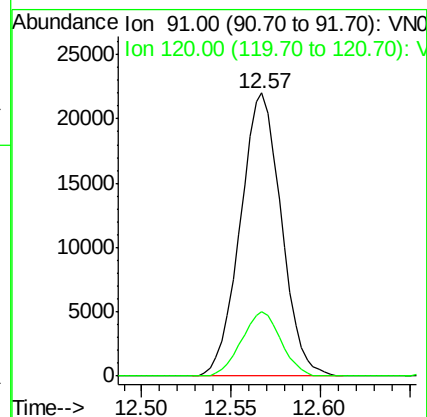
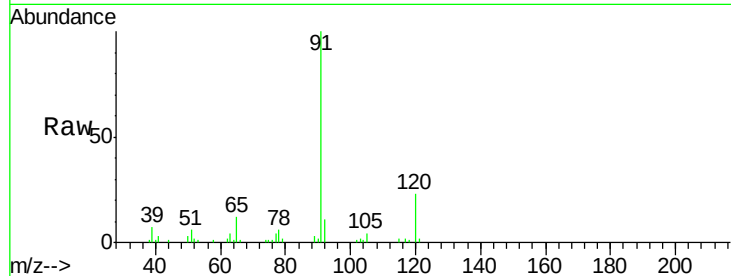
91 100

120 21.9 10.8 32.3

Manual Integrations
APPROVED

MMDadoda

5/6/2020 11:37:57 AM



#85

sec-Butylbenzene

Concen: 2.571 ug/l

RT: 13.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VN061297.D

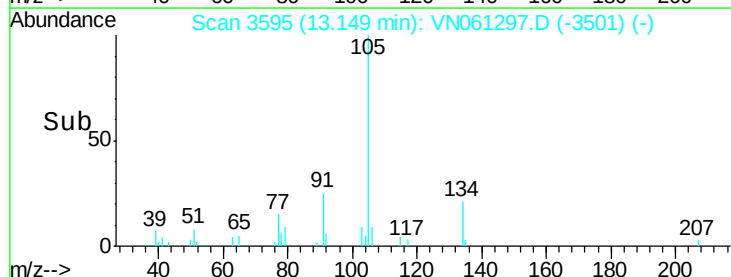
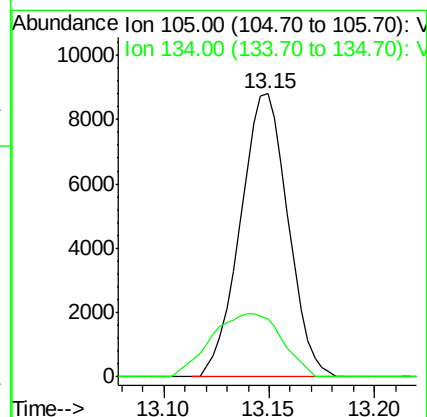
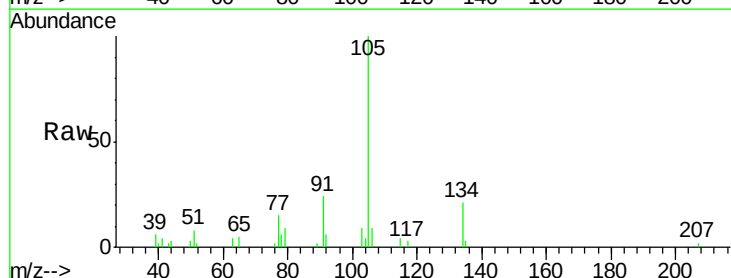
Acq: 5 May 2020 17:14

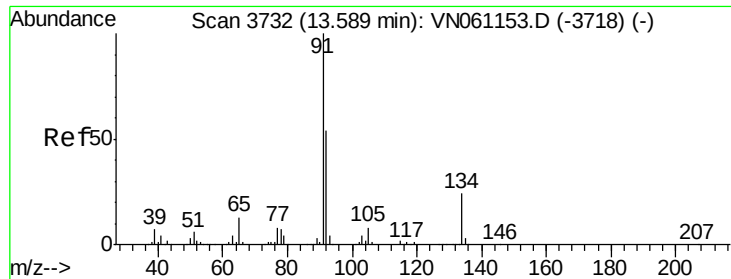
Tgt Ion: 105 Resp: 13822

Ion Ratio Lower Upper

105 100

134 33.3 9.6 28.8#





#89
 n-Butylbenzene
 Concen: 1.248 ug/l m
 RT: 13.59 min Scan# 3732
 Delta R.T. 0.00 min
 Lab File: VN061297.D
 Acq: 5 May 2020 17:14

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Tot Ion	Ratio	Lower	Upper
91	100		
92	57.2	26.8	80.3
134	0.0	11.9	35.5#

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 11:37:57 AM

